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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,509	10/14/2003	Petri Kokko	944-005.018	3532

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EXAMINER

SHARMA, SUJATHA R

ART UNIT	PAPER NUMBER
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2618

DATE MAILED: 09/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/686,509	KOKKO ET AL.	
	Examiner	Art Unit	
	Sujatha Sharma	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3,5,7-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Rytivaara [US 2005/0253817].

Regarding claims 1.13 Rytivaara discloses a method of deactivating the touch screen lock in a portable electronic device. Rytivaara further discloses:

- means defining a touch screen lock; see paragraphs 4-7 and 9
- means for activating and deactivating said touch screen lock during an ongoing call; see paragraph 19

Regarding claim 2, Rytivaara further discloses means for alerting a user that the touch screen lock is activated or deactivated. See paragraph 26

Regarding claims 3,5 Rytivaara further discloses a method wherein said user alerting means is further characterized by a message indicating that the touch screen lock is in an activated or deactivated mode. See paragraph 26.

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Regarding claims 7,12 Rytivaara discloses a method wherein activating said touch screen lock is further characterized means for detecting and responding to a first pressing contact on the touch screen display surface being greater than a first predetermined time duration interval whereby said touch screen lock is in locked state. See paragraphs 28,29

Regarding claim 8, Rytivaara further discloses a method wherein the pressing of the touch screen is done during an ongoing call. See paragraphs 19, 28,29.

Regarding claims 9,14 Rytivaara further discloses a method wherein said means for deactivating said touch screen lock is further characterized by the absence of a pressing contact being detected within a second predetermined time duration interval from the end of said first missing contact. See paragraph 28.

Regarding claim 10, Rytivaara further discloses a method wherein said means for deactivating said touch screen lock from a touch screen lock active state is further characterized by means for detecting and responding to the absence of a pressing contact on the touch screen display surface within a time duration greater than a third predetermined time duration interval from a last detected pressing contact where by said touch screen lock is in an opened state.

Regarding claims 11,15 Rytivaara further discloses a method wherein said means for deactivating said touch screen lock is further characterized by means for detecting and

responding to a pressing contact on the touch screen display surface being detected lock remains in a locked state. See paragraphs 28,29.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4,6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rytivaara [US 2005/0253817].

Regarding claims 4 and 6, Rytivaara discloses a method wherein the user alerting means characterizing the touch screen lock activated or deactivated mode is shown by an icon.

However, Rytivaara does not specifically disclose the particular icon to be a closed lock or open lock icon.

However the particular graphic display of a closed lock or open lock icon is more of a design choice to better indicate to the user the status of the touch screen.

Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to use the close lock or open lock icon in Rytivaara's invention to help the user better understand the status of the touch screen.

Conclusion

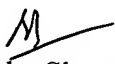
5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


Martensson [EP 453 089 A2]	Portable radiotelephone
Terho [EP 1 284 450 A2]	Method for preventing unintended touch pad input due to accidental touching
Tokkonen [US 2004/0085351]	Method for deactivating device lock state, and electronic device
Hiroshi [JP 11203045]	Portable terminal having touch panel
Kyrola [us 2006/0012577]	Active keypad lock for devices equipped with touch screen
Toshimasa [JP 08171442]	Portable electronic equipment
Shuji [JP 2003058302]	Portable electronic apparatus
Nurmi [US 2006/0117197]	Method for receiving inputs from user of electronic device

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 571-272-7886. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on 571-272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Sujatha Sharma
September 12, 2006


MATTHEW ANDERSON
SUPERVISORY PATENT EXAMINER